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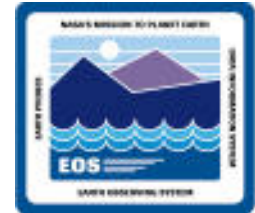
# Billing and Accounting Application Service

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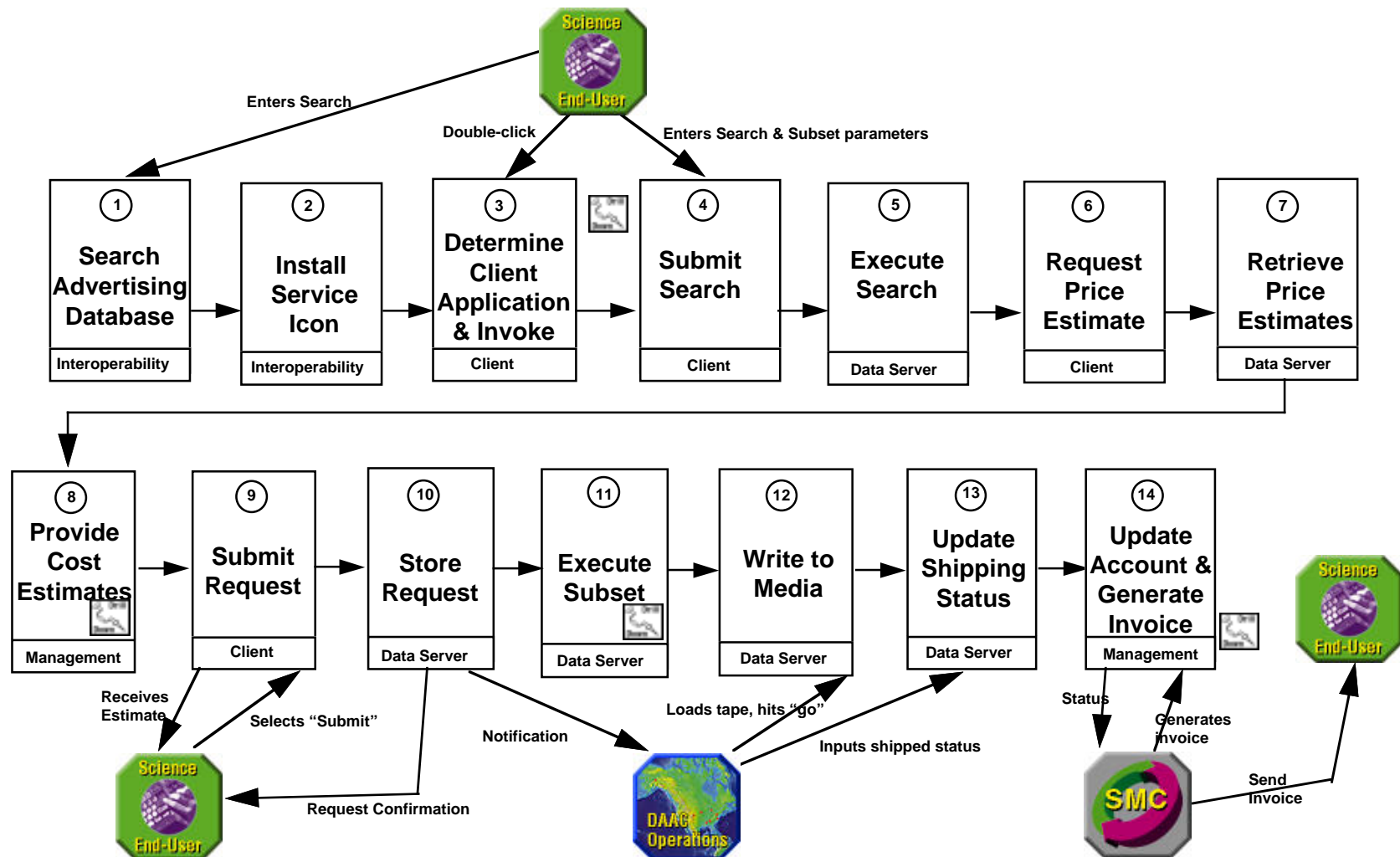
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**1 November 1995**



# Quick Access

## Functional Flow Diagram



# Overview



**The MSS Billing and Accounting Application Service (BAAS) will be introduced by Release B.**

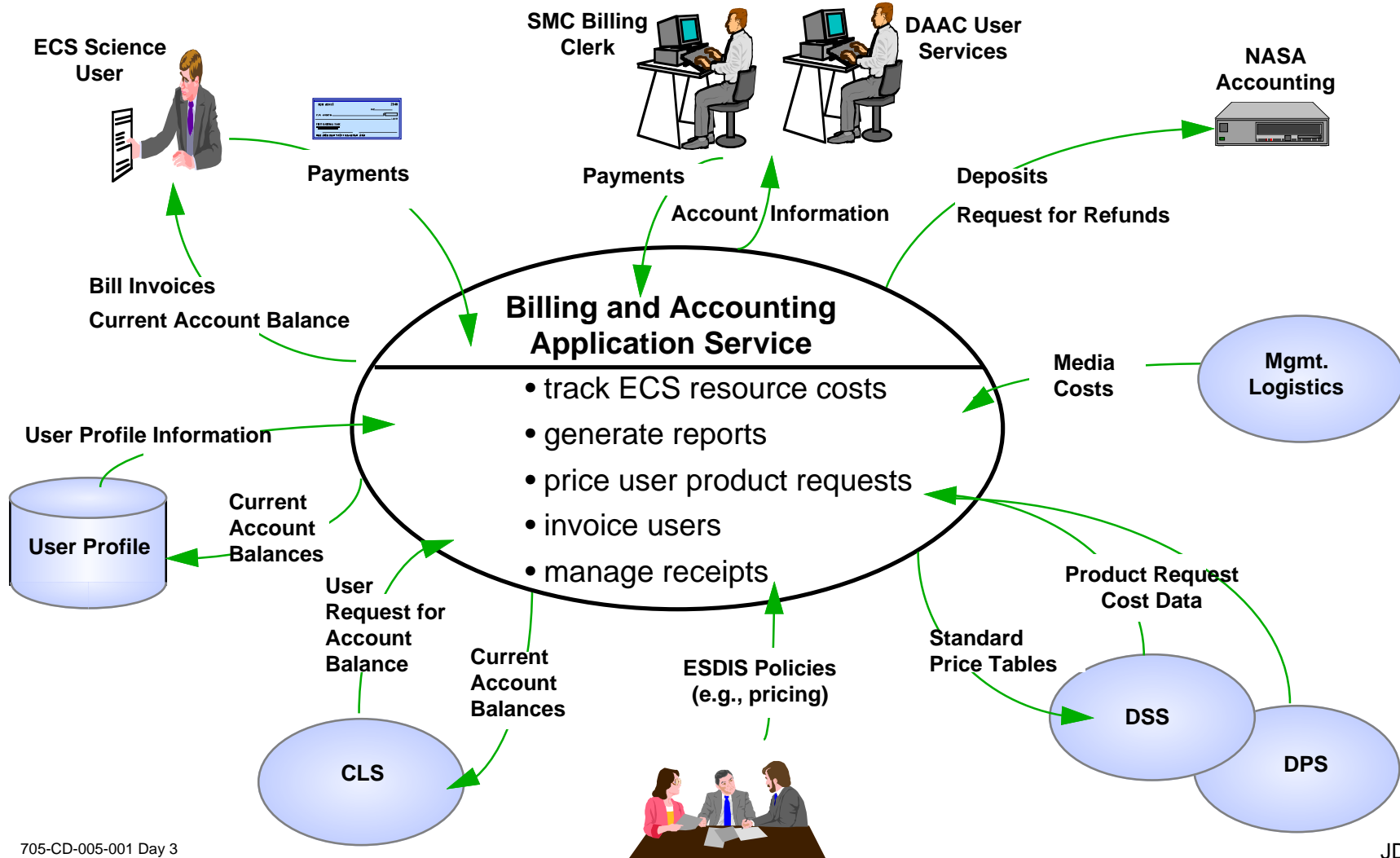
## **ECS Context:**

- **The Billing and Accounting Application Service will provide the mechanisms for ECS to:**
  - Track ECS Resource Costs
  - Generate Reports (e.g., usage patterns)
  - Price User Requests
  - Invoice Users
  - Manage Receipts
- **In the ECS context, cost is defined as the expenditure incurred to make a product or service available to the users. Price is defined as the charges assessed on the users for these products and services.**
- **The implementation of billing and accounting procedures will be based on ESDIS policies**

## **Scenario Context:**

- **Quick Access**

# Billing and Accounting Application Service Context



# Design Drivers

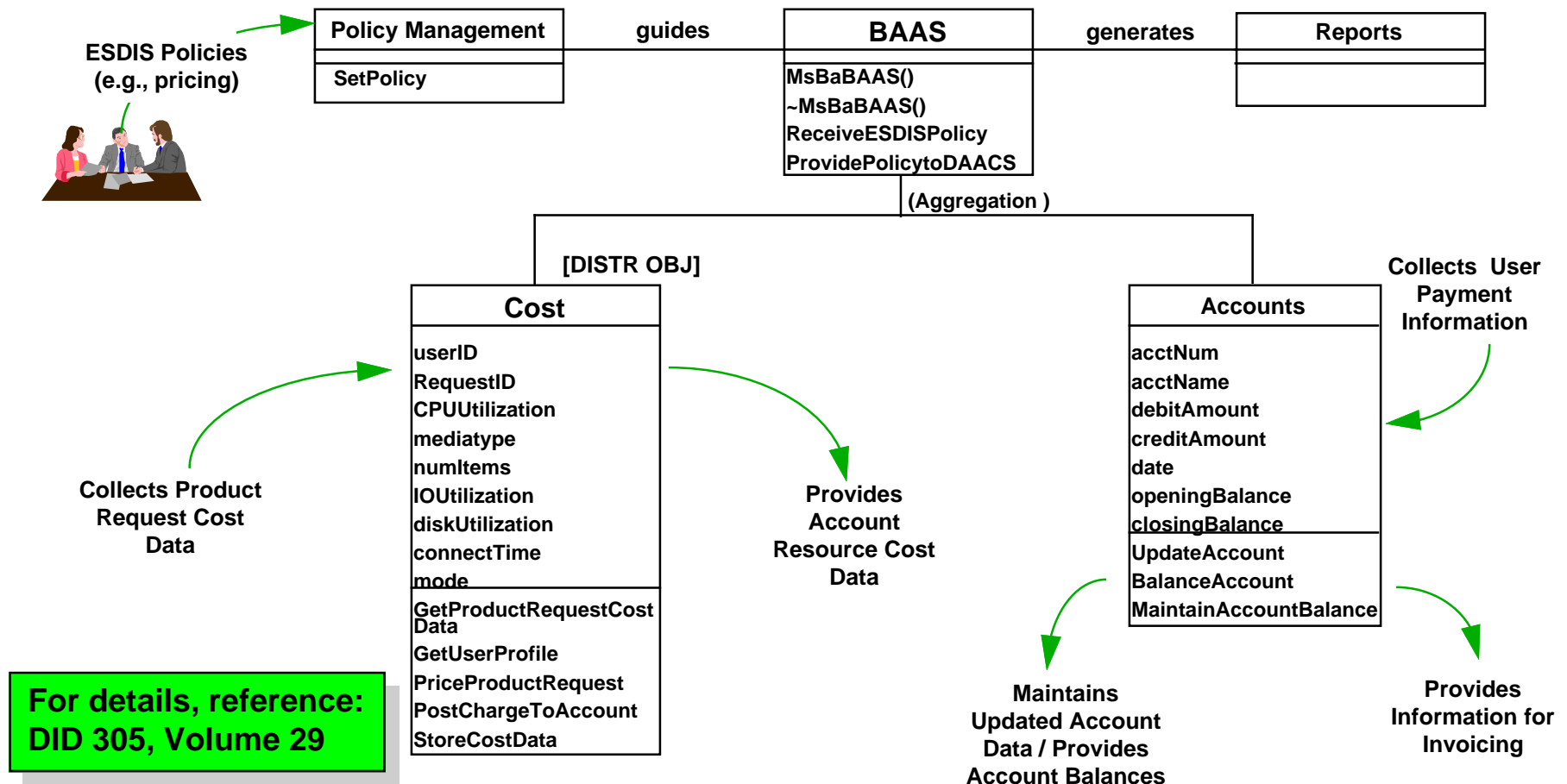


- **Office of Management and Budget (OMB) and General Accounting Office (GAO) circulars**
- **Policy Neutral (flexible features, easy to update)**
- **Flexible access to user account balances information**
- **Availability of price tables for price estimation purposes**
- **Support client/server application features**

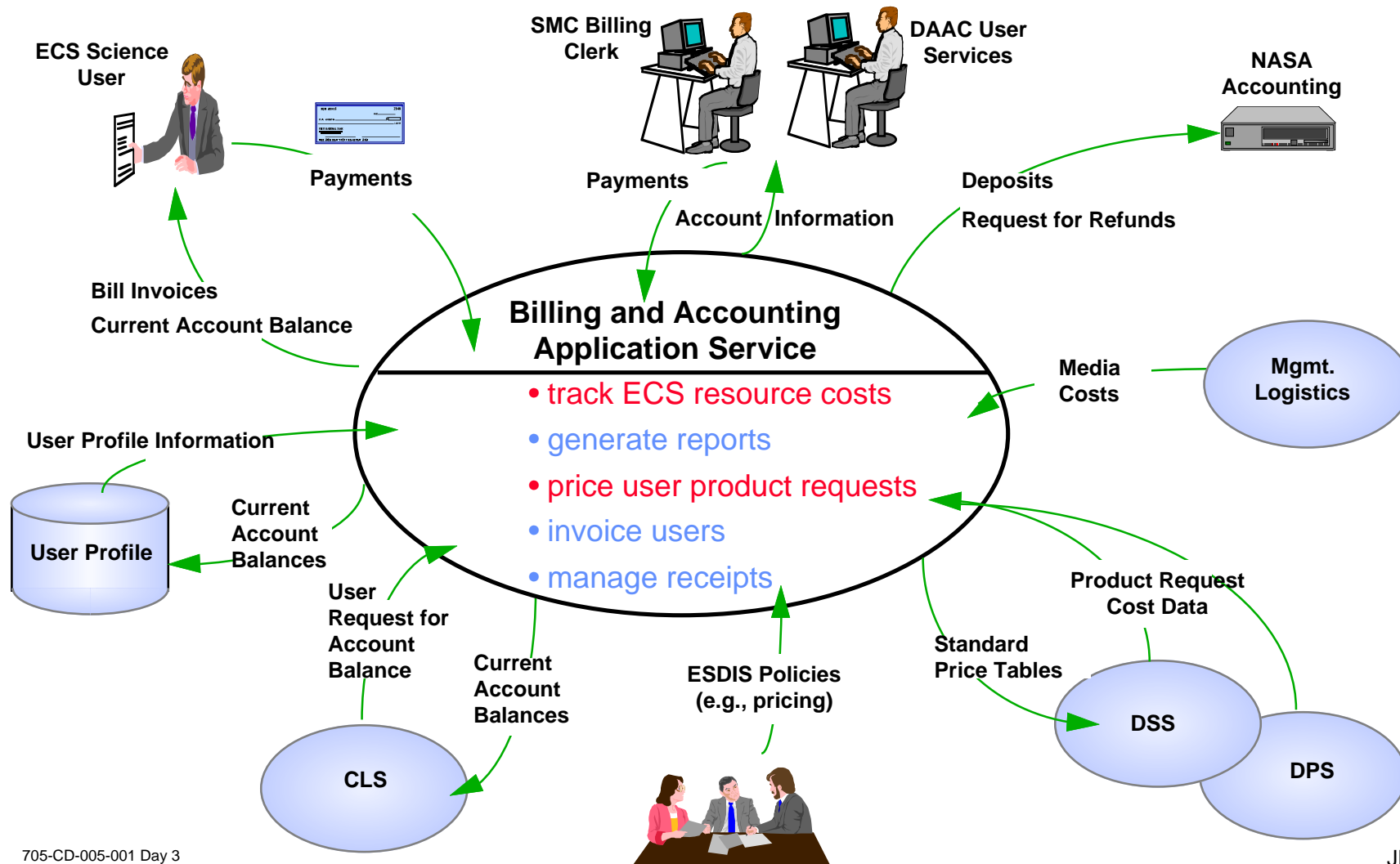
# High Level Design Decomposition (1)



## High Level Overview



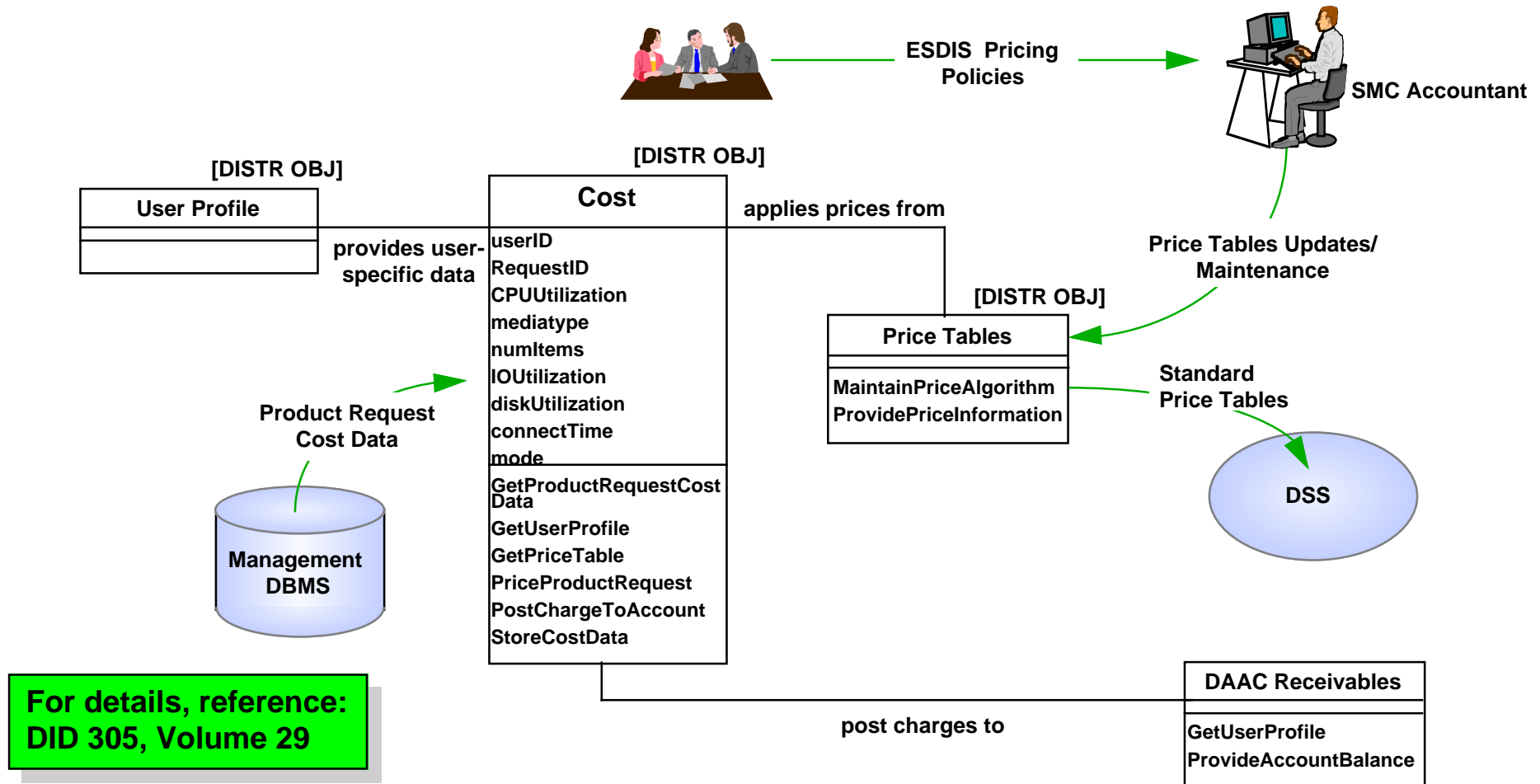
# Billing and Accounting Application Service Context



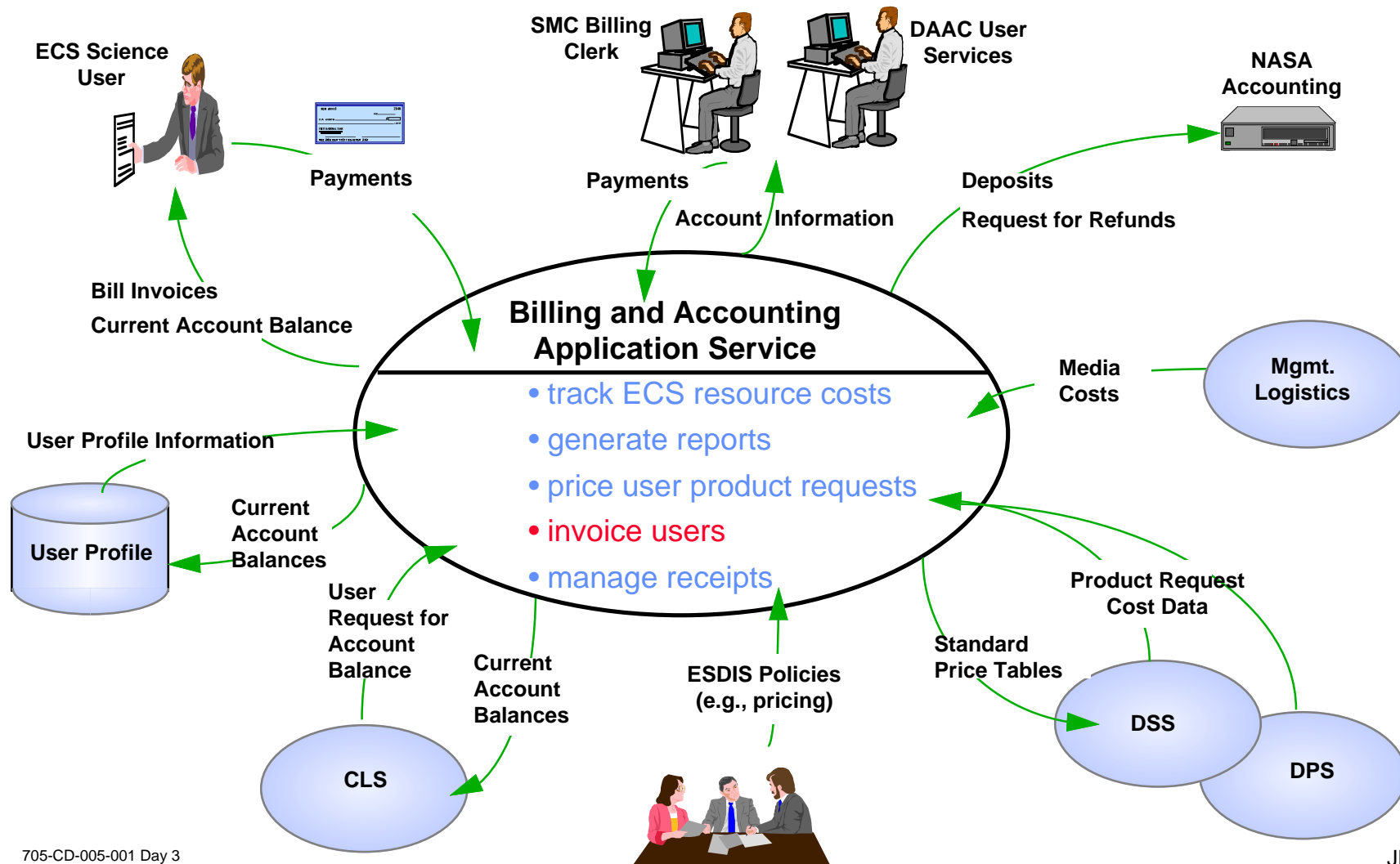


# High Level Design Decomposition (2)

## Collect product cost data / Price user product request



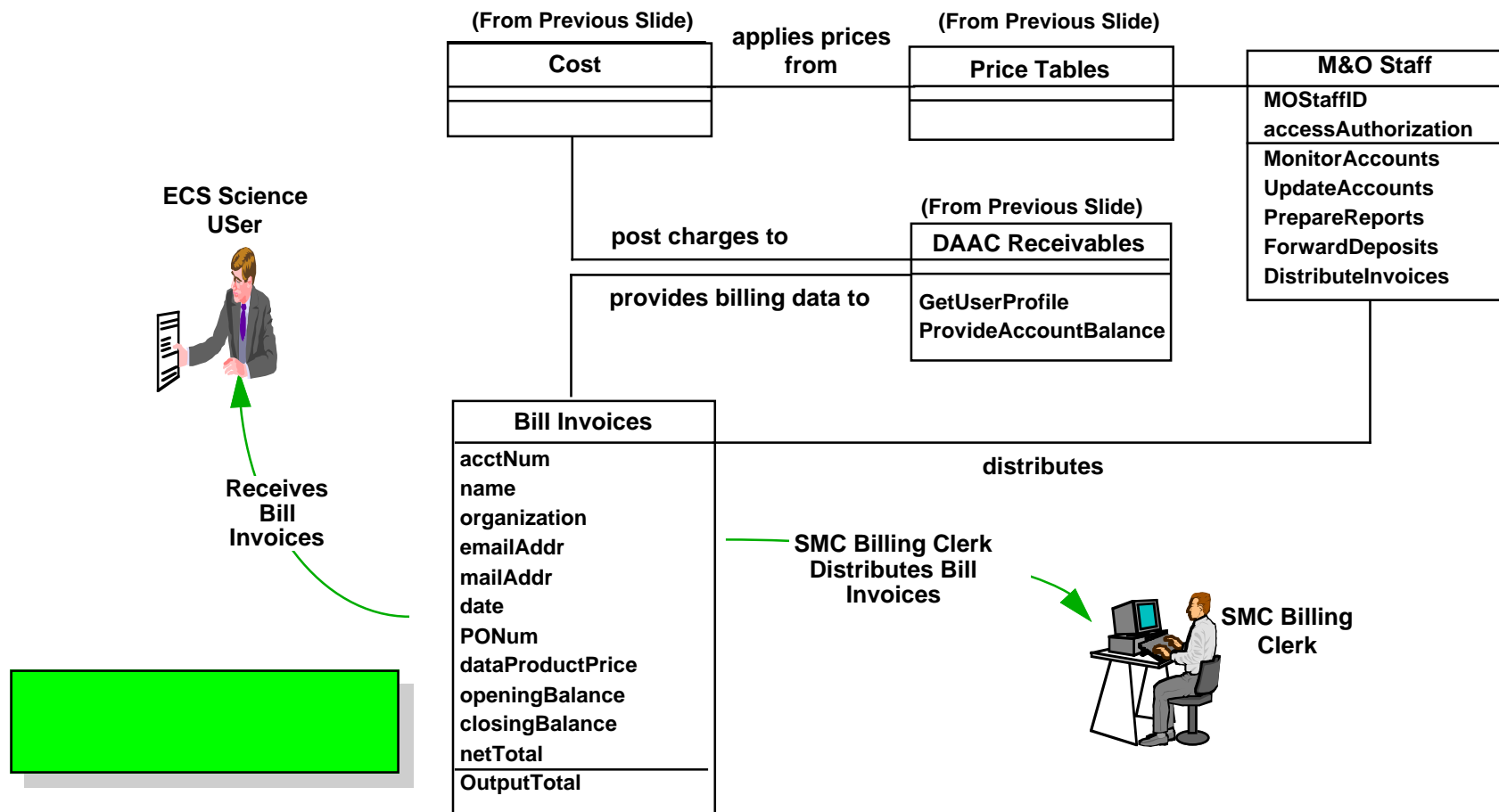
# Billing and Accounting Application Service Context



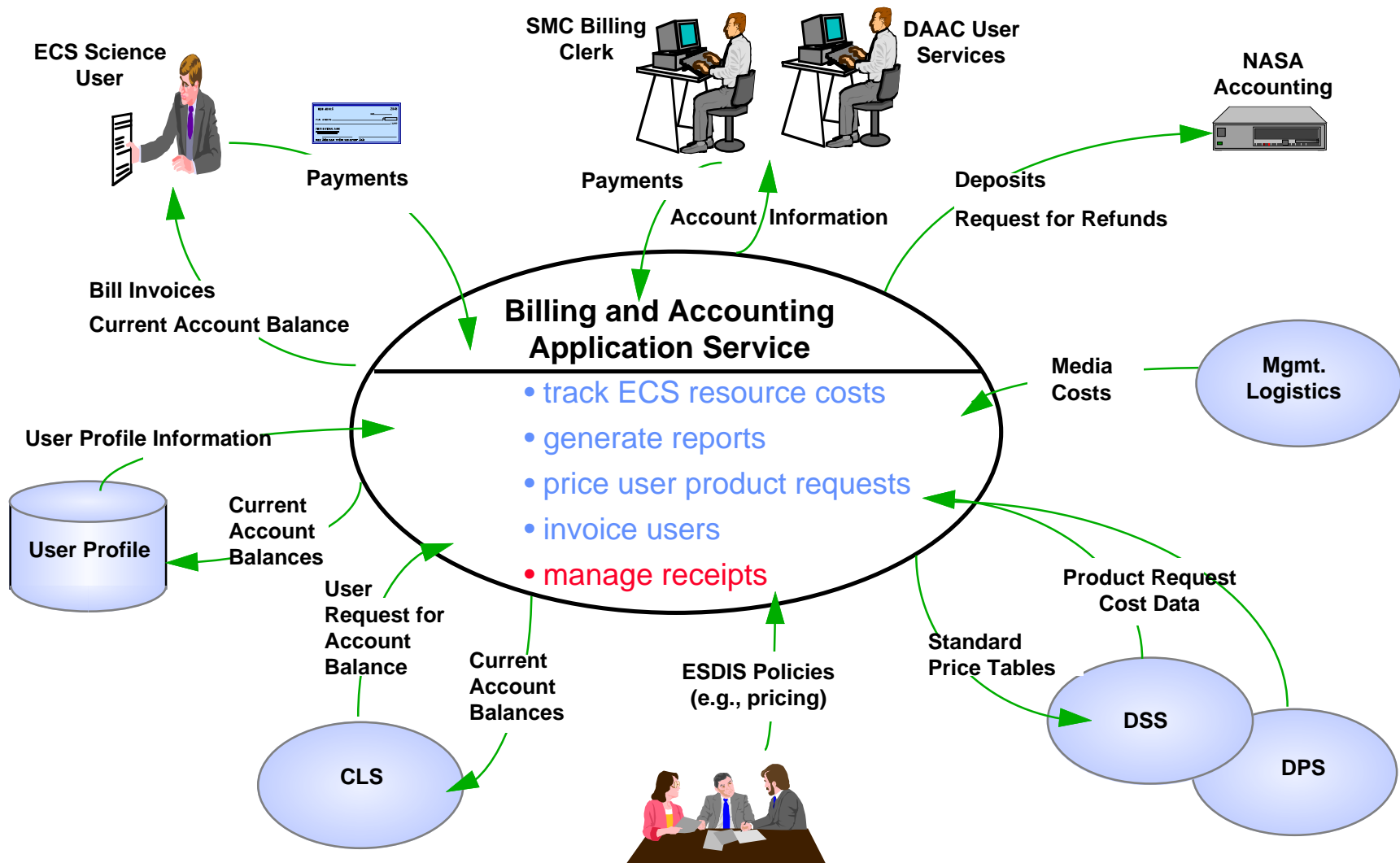
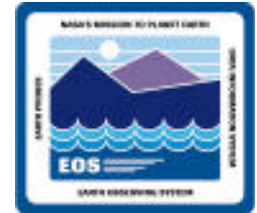


# High Level Design Decomposition (3)

## Invoice users



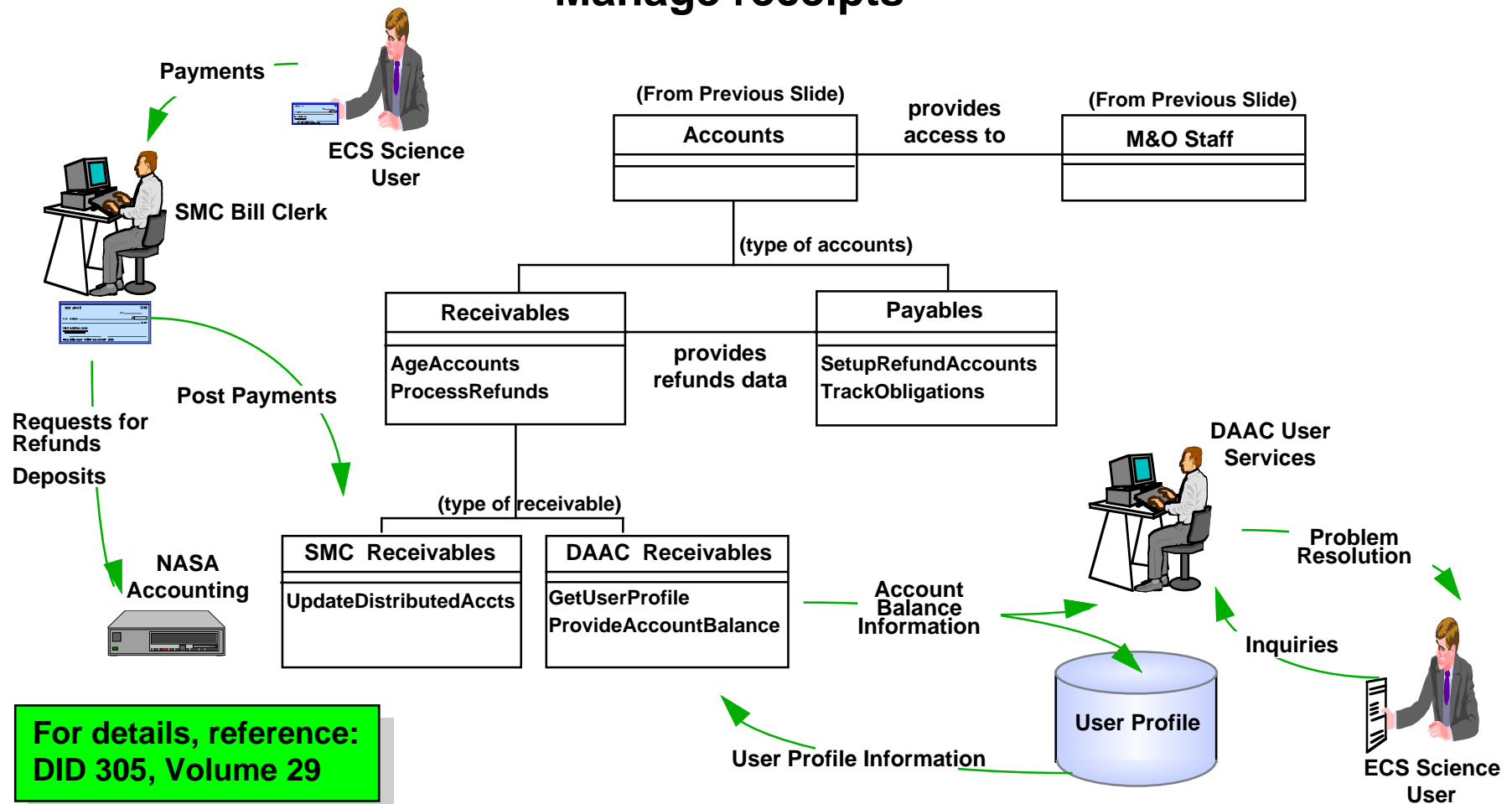
# Billing and Accounting Application Service Context



# High Level Design Decomposition (4)



## Manage receipts





# Current Status

## **COTS Selection**

- **RFC for billing and accounting package(s) has been issued**

## **Critical Decisions**

- **Identify NASA accounting interfaces (February 1996)**

## **Next Steps**

- **Identify EOSDIS pricing policies that might impact design implementation (January 1996)**
- **Group account billings**
- **Ops workshop**

# Summary



## Billing and Accounting Application Service Highlights

- Policy neutral
- Flexible access to account information
- Integrated with other services